

ESM Table 4 Multivariate logistic regression analysis predicting incident depression by baseline demographic factors, medical co-morbidities, stressful life events and self-reported history of depression (range n=2131-2156)

| Variable | Model 1 | Model 2 | Model 3 | Model 4 |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Demographic factors | | | | |
| Female sex | 1.65 (1.23, 2.21) | 1.69 (1.25, 2.29) | 1.68 (1.24, 2.27) | 1.63 (1.20, 2.21) |
| Age | 1.01 (0.99, 1.02) | 1.00 (0.99, 1.02) | 1.01 (0.99, 1.02) | 1.01 (0.99, 1.03) |
| Low education level | 1.57 (1.10, 2.26) | 1.55 (1.08, 2.23) | 1.56 (1.08, 2.26) | 1.62 (1.12, 2.36) |
| Being single | 1.13 (0.80, 1.59) | 1.13 (0.80, 1.59) | 1.10 (0.78, 1.55) | 1.09 (0.77, 1.54) |
| Medical co-morbidities | | | | |
| Cardiovascular disease ^a | | 1.11 (0.80, 1.52) | 1.10 (0.80, 1.51) | 1.10 (0.80, 1.51) |
| Microvascular disease ^b | | 1.32 (0.91, 1.93) | 1.32 (0.90, 1.92) | 1.33 (0.91, 1.95) |
| Other chronic conditions ^c | | 1.32 (0.96, 1.81) | 1.30 (0.95, 1.78) | 1.25 (0.91, 1.72) |
| Stressful life events | | | | |
| History of depression | | | 1.30 (0.93, 1.82) | 1.30 (0.92, 1.83) |
| | | | | 3.27 (2.05, 5.22) |

Values are OR (95% CI)

Model 1: demographic factors; Model 2: model 1 + medical co-morbidities; Model 3: model 2 + stressful life events; Model 4: model 3 + history of depression

^aMyocardial infarction, bypass/angioplasty, stroke and/or arterial disease;

^bRetinopathy, micro-/macroalbuminuria;

^cKidney disease, asthma/COPD, cancer, arthrosis and/or rheumatoid arthritis